

Weekly Report 2016.12.05-2016.12.11

Progress:

1. Huawei Project

This project is finally finished!

Thanks to the efforts of Dr. Zhu, Dongming Han, Yuxin Ma, Wei Zhang, and Dr. Wu.

2. Temporal Ensemble Rankings

The symbolic of the rankings is done. Liangjun Liu has done a great work. We will add this module into our system next week.

I've been implementing the fuzzy logic of the visual mapping module. I think it will be done in next week.

I also talked with Prof. Wu. He said that the glyphs in the cluster view are not very complex. So maybe it is not very necessary to remove all the encodings in this design. I think the distribution of all the rankings can still be encoded around the glyphs.

3. TCP Tree

The revision of this paper is done. But the user study is still needed.

The user study can be a comparison between the efficiency of analyze the correlation with and without TCP Tree.

Also, more cases should be done. I think the following dataset may be capable for our application.

Potential Dataset:

- 游戏数据中，核心玩家的属性间关系（游戏属性，消费属性间关系）
- 大学评分中，每个大学得分属性之间的相互关系（科研分数，教学分数，硬件分数）——>时间长度不够
- 洋流数据（I'm not sure if we still have this data）
- 中国各省市之间的空气质量相互关系（pm2.5）
- 世界银行数据

Plan:

1. Huawei Project

Write the patent and go to Huawei for final check.

2. Temporal Ensemble Ranking Data

Talk with Prof. Wu, and revise the paper as soon as possible.